MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

SEPTEMBER 1922

J. A. BROWN, DIRECTOR

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Weather Bureau

PRINTED AT THE UNIVERSITY PRESS

SEPTEMBER 1922

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min. on grass		
1	755.5	755.9	756.7	756.0	30.7	23.2			
2	7.5	6.7	7.4	7.2	30.4	23.7			
3	7.4	6.8	6.6	6.9	31.1	23.4			
4	6.2	6.1	6.1	6.1	29.9	23.3			
5	6.1	5.9	6.0	6.0	30.8	23.5			
6	6.2	6.7	7.0	6.6	31.9	23.3			
7	7.6	7.5	7.9	7.7	31.2	25.5			
8	7.6	7.5	8.0	7.7	31.2	24.8			
9	8.2	8.1	8.7	8.3	31.2	23.3			
10	7.9	7.5	8.0	7.8	30.7	23.3			
11	7.3	7.5	8.5	7.8	29.4	24.4			
12	8.3	8.0	8.5	8.3	30.4	22.8			
13	9.8	9.9	61.4	60.4	30.3	22.6			
14	61.4	61.5	1.5	1.5	30.4	22.9			
15	59.9	59.0	58.4	59.1	30.6	24.4			
16	8.1	9.1	7.8	8.3	31.6	23.6			
17	7.7	6.9	6.7	7.1	30.0	22.3			
18	6.3	5.6	5.8	5.9	30.6	22.9			
19	7.8	7.6	8.7	8.0	29.4	25.5			
20	9.6	8.9	9.3	9.3	29.4	22.1			
21	9.7	9.4	9.1	9.4	28.7	22.4			
22	8.5	8.2	8.3	8.3	29.3	22.7			
23	8.5	8.3	9.3	8.7	29.0	22.4			
24	60.2	9.7	9.0	9.8	28.4	22.3			
25	59.9	9.0	8.1	9.0	29.3	23.9			
26	7.7	7.3	8.5	7.8	29.4	22.7			
27	9.1	9.2	9.8	9.4	28.4	21.2			
28	9.8	9.0	9.6	9.5	28.3	22.2			
29	60.2	9.5	60.0	9.9	28.3	22.8			
30	0.3	9.0	59.5	9.8	27.7	23.3			
31									
	756.7	758.0	758.4	757.7	29.30	23.20			

BAROMETER

Maximum 761.5 on 14th

Minimum 755.5 on 1st

THERMOMETER

Maximum 31.9 on 6th

Minimum 21.2 on 27th

Minimum on grass on

RAINFALL

Maximum mm. on

Number of days with rain 0 thunderstorms 0 fog 0 gale 0

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	28.3	30.3	25.7	28.1	22.1	23.5	21.6	15.4	16.5	16.1	16.0	53	51	66	57
2	27.5	30.0	25.8	27.8	22.3	23.7	21.8	16.2	16.9	16.4	16.5	59	54	66	60
3	28.4	30.2	26.8	28.5	21.1	23.1	22.7	13.7	15.8	17.2	15.6	48	50	65	54
4	27.4	29.4	26.9	27.9	21.9	24.0	23.1	15.5	18.0	18.0	17.2	57	59	68	61
5	27.1	30.4	26.6	28.0	23.9	25.4	24.4	19.3	20.0	20.9	20.1	73	61	80	71
6	24.1	31.7	26.8	28.5	24.3	26.6	25.2	20.2	21.3	22.3	21.3	77	69	85	74
7	28.4	30.8	27.1	28.8	24.1	25.3	23.8	18.7	19.5	19.2	19.1	65	59	72	65
8	28.3	31.1	26.7	28.7	23.2	24.6	23.4	17.2	18.0	18.8	18.0	60	53	72	62
9	26.9	29.6	26.8	27.8	23.0	23.6	23.1	16.4	17.0	18.0	17.1	61	55	68	61
10	28.0	30.4	25.4	28.3	22.9	23.8	23.0	17.0	16.9	18.0	17.3	60	52	71	61
11	26.2	29.1	24.8	26.7	21.8	22.7	21.8	16.2	16.0	17.0	16.4	64	53	73	63
12	27.3	29.4	24.9	27.2	22.1	22.8	21.8	15.9	15.8	17.1	16.3	59	52	73	61
13	27.8	29.3	26.7	27.9	18.3	21.3	22.2	10 4	13.7	16.5	13.5	38	44	63	48
14	27.8	30.0	25.9	27.9	22.9	22.9	23.1	17.0	15.7	18.7	17.1	61	50	75	62
15	27.8	29.6	25.4	27.6	22.7	23.1	23.8	16.7	19.8	20.5	19.0	60	63	84	69
16	26.8	29.2	25.0	27.0	24.2	24.6	23.3	20.2	19.1	19.8	19.7	77	63	84	75
17	26.7	29.4	25.0	27.0	23.3	24.3	23.1	18.5	18.4	19.4	18.8	71	60	82	71
18	27.2	30.3	26.6	28.0	24.3	25.8	24.5	20.2	20.8	21 0	20.7	76	64	81	73
19	26.7	29.1	24.5	26.8	22.7	22.8	20.4	16.5	16.0	14.9	15.0	63	53	66	61
20	25.6	28.9	25.3	26 6	18 7	21.9	21.2	11.8	14.8	15.6	14.1	49	50	65	55
21	26.3	21.8	24.3	24.1	20.6	22.2	20.5	14.1	15.8	15.1	15.0	55	57	68	60
22	26.5	28.3	26.1	27.0	21.1	22.9	21.1	14.8	16.8	15.0	15.5	57	58	59	58
23	25.0	28.2	25.2	26.1	19.4	18.7	20.9	12.7	10.7	15.4	12.9	52	37	64	51
24	25.9	28.1	25.9	26.6	19.4	19.6	20.9	12.7	11.8	14.8	13.1	51	42	59	51
25	25.5	29.0	26.0	26.8	18.8	19.8	22 8	12.1	11.8	18.0	14.0	50	40	73	54
26	26.3	28.7	25.4	26 8	22.4	23 2	21.6	17.0	16.9	16.4	16.8	67	57	68	64
27	25.3	28.1	23.9	25.8	21.1	21.6	20.5	15.4	14.7	15.4	15.2	65	52	70	62
28	26.1	27.8	24.8	26.2	21.2	22.2	21.2	15.2	15.8	16.1	15.7	59	57	70	62
29	26.2	27.9	25.4	26.5	21.7	22.9	21.9	16.0	16.9	16.8	16.6	62	60	70	64
30	26.0	27.3	25.3	26.0	22.3	22.7	21.8	17 2	17.0	16.3	17.0	69	64	70	68
31															
	26.9	29.1	25.7	27.2	21.9	23.0	22.3	16.0	15.6	17.5	16.7	60.6	54.3	71.0	62.0

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

SEPTEMBER 1922

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	6cu n	0	0	2.0	2	2	0	287.6	v. slight	
2	0	0	0	0	1	1	0	149.0	calm	
3	0	0	0	0	0	2n	Ine	203.5	v. slight	
4	0	0	0	0	0	2n	0	207.8	calm	
5	0	0	0	0	0	Iw	0	215.3	,,	
6	0	0	0	0	2	2	1	334.3	,,	
7	1	0	0	0.3	2	3	3	307.2	slight	
8	3	3	0	2.0	3	3	1	295.8	v. slight	
9	1	0	0	0.3	3	2	0	276.7	,,	
10	0	6	5cu n	3.7	3	3	1	301.2	,,	
11	10cu n	3	1	4.7	1	2	0	197.3	,,	
12	0	0	0	0	0	2	0	138.9	calm	
13	0	0	0	0	0	2n	2ne	222.9	,,	
14	0	0	0	0	0	2ne	0	201.0	,,	
15	0	0	0	0	0	In	0	198.3	,,	
16	0	0	0	0	1	1	1	118.5	,,	
17	0	0	0	0	1	Iw	0	107.3	,,	
18	In	0	0	0.3	1	2	1	192.4	,,	
19	9cu n	0	0	3.0	1	1	0	208.5	slight	
20	0	0	6n	2.0	0	2	0	128.7	v. slight	
21	0	0	0	0	0	1	0	90.2	calm	
22	0	0	0	0	1	3n	3ne	285.3	slight	
23	0	0	0	0	0	3n	2n	207.3	v. slight	
24	0	0	0	0	2n	2n	In	307.2	,,	
25	0	0	0	0	0	Ine	In	298.8	,,	
26	2	0	10cu n	4.0	0	1	0	300.2	calm	
27	3	0	7cu n	3.3	1	2	0	209.5	v. slight	
28	1	0	0	0.3	Inw	Inw	0	218.7	,,	
29	1	3	3	2.3	Ine	2n	2n	309.8	,,	
30	0	0	0	0	Inw	2n	2nw	296.5	,,	
31										
				0.94				227.2		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	1	0	0	0	14	0	2	12
2:30	9	2	0	0	0	16	2	1	0
8:30	4	3	0	0	0	6	0	1	16
Totals	14	6	0	0	0	36	2	4	28

N.B.—Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, SW.